ANALYTICA CHIMICA ACTA, VOL. 198 (1987)

AUTHOR INDEX

Adams, F., see Liu, X. D. 71
Aguilar, M., see Castresana, J. M. 315
Akagi, T., see Cheng, C. J. 173
Al-Hajjaji, M. A.
Differential-pulse polarographic determination of sulphate after reduction to hydrogen sulphide 319
Alumaibed, A. M.
— and Townshend, A.
Determination of acetaldehyde by flow injection analysis with soluble or immobilized aldehyde dehydrogenase 37
Al-Wehaid, A.
— and Townshend, A.
Flow-injection amplification for the spectrophotometric determination of iodide 45
Aruga, R.
— and Campi, E.
An improved nephelometric method for the determination of small amounts of thiosulfate in aqueous samples 277
Aznarez, J.
—, Galban, J., Diaz, C. and Rabadan, J. M.
Extraction-spectrofluorimetric determination of cadmium with diethyldithiocarbamate and calcein in nonaqueous media 281

Bansho, K., see Miyazaki, A. 297
Barnett, N. W.
Determination of lead and nickel in animal bone by microwave-induced plasma atomic emission spectrometry with sample introduction by electrothermal vaporization 309
Bender, C. J.
— and Tien, H. T.
Dynamic polarization of lipid bilayers as a special case in the electrochemistry of liquid/liquid interfaces 259
Bennett, W. D., see Reay, P. F. 145
Bergamin F°, H., see Zagatto, E. A. G. 153
Bermejo, E., see Hernández, L. 239
Bihan, A., le, see le Bihan, A. 87, 103
Bos, M., see Zollinger, D. Ph. 207
Bourquin, D.
— and Brenneisen, R.
Determination of the major Δ^9-tetrahydrocannabinol metabolite in urine by high-performance liquid chromatography and photodiode array detection 183
Brenneisen, R., see Bourquin, D. 183
Bruhn, C. G.
—, Piwonka, J. M., Jerardino, M. O., Navarrete, G. M. and Maturana, P. M.
Direct determination of lead in blood by electrothermal atomic absorption spectrometry with l'vov platform and matrix modification 113
Bulten, E., see Zollinger, D. Ph. 207
Burns, D. T.
—, Chimpalee, D. and Hagan, P. F.
Spectrophotometric determination of chromium(VI) as dichromate after extraction with the pentamethylene-bis-(triphenylphosphonium) cation 293

Cabon, J. Y.
— and le Bihan, A.
La matrice eau de mer et le signal du cuivre en spectrométrie d'absorption atomique sans flamme. Partie 1: étude de l'influence des principaux composants 87
Cabon, J. Y.
— and le Bihan, A.
La matrice eau de mer et le signal du cuivre en spectrométrie d'absorption atomique sans flamme. Partie 2: proposition d'un schéma explicatif des phénomènes observés pour une eau de mer 103
Campi, E., see Aruga, R. 277
Carrión Dominguez, J. L.
— and de la Guardia Cirugeda, M.
Spectroscopic study of the aluminium/lumogallion system in the presence of non-ionic surfactants 53
Castresana, J. M.
—, Elizalde, M. P., Aguilar, M. and Cox, M.
Synergic extraction of cobalt(II) with mixtures of 4-methyl-*N*-8-quinolinyl-

benzene sulphonamide and neutral organophosphorus compounds 315
Cheng, C. J.
—, Akagi, T. and Haraguchi, H.
Simultaneous multi-element analysis for trace metals in sea water by inductively-coupled plasma/atomic emission spectrometry after batch preconcentration on a chelating resin 173
Chimpalee, D., see Burns, D. T. 293
Christenhusz, A., see Zollinger, D. Ph. 207
Cox, M., see Castresana, J. M. 315

De La Guardia Cirugeda, M., see Carrión Dominguez, J. L. 53
Diaz, C., see Aznarez, J. 281

Elizalde, M. P., see Castresana, J. M. 315
Engel, J., see Hulthe, P. 197
Eskilsson, H.
— and Haraldsson, C.
Reductive stripping chronopotentiometry for selenium in biological materials with a flow system 231
Espen, P., van, see van Espen, P. 71

Fang, Z., see Zhu, Z. 25

Gagosian, R. B., see Peltzer, E. T. 125
Galban, J., see Aznarez, J. 281
Gennaro, M. C., see Sarzanini, C. 191
Gine, M. F., see Zagatto, E. A. G. 153
Guardia Cirugeda, M., de la, see de la Guardia Cirugeda, M. 53

Hagan, P. F., see Burns, D. T. 293
Haraguchi, H., see Cheng, C. J. 173
Haraldsson, C., see Eskilsson, H. 231
Hayashi, K.,
—, Sasaki, Y., Tagashira, S. and Hirata, K.
Spectrophotometric determination of copper(II) with carbon disulfide, a secondary amine and Triton X-100 271
Hernández, L.
—, Zapardiel, A., Pérez-López, J. A. and Bermejo, E.
Study of iron and titanium complexes with propylenediaminetetraacetic acid by differential pulse polarography. Determination of iron and titanium in Portland cements 239
Hirata, K., see Hayashi, K. 271
Hubmann, M. R., see Leiner, M. J. P. 13
Hulthe, B., see Hulthe, P. 197
Hulthe, P.
—, Hulthe, B., Johannessen, K. and Engel, J.
Decreased ascorbate sensitivity with nafion-coated carbon fibre electrodes in combination with copper(II) ions for the electrochemical determination of electroactive substances in vivo 197

Jerardino, M. O., see Bruhn, C. G. 113
Johannessen, K., see Hulthe, P. 197

Kim, H., see Thompson, R. Q. 165
Koide, T., see Takada, T. 303
Krug, F. J., see Zagatto, E. A. G. 153

Langmyhr, F. J., see Wibetoe, G. 81
Le Bihan, A., see Cabon, J. Y. 87, 103
Leiner, M. J. P.
—, Hubmann, M. R. and Wolfbeis, O. S.
The total fluorescence of human urine 13
Linden, W. E., van der, see van der Linden, W. E. 207
Liu, X. D.
—, van Espen, P. and Adams, F.
Optimization of photoplate evaluation in spark-source mass spectrometry 71

Martinelli, M., see Zagatto, E. A. G. 153
Martinez Lozano, C., see Pérez-Ruiz, T. 63
Maturana, P. M., see Bruhn, C. G. 113
Mentasti, E., see Sarzanini, C. 191
Miller, C. E., see Thompson, R. Q. 165
Milner, D. F.
— and Weaver, M. J.
The influence of uncompensated solution resistance on the determination of standard electrochemical rate constants by cyclic voltammetry, and some comparisons with a.c. voltammetry 245
Miyazaki, A.
— and Bansho, K.
Indirect determination of fluoride in waters with lanthanum alizarin complexone and inductively-coupled plasma emission spectrometry 297

Navarrete, G. M., see Bruhn, C. G. 113

Peltzer, E. T.
— and Gagosian, R. B.
Sampling and quantitation of lipids in aerosols from the remote marine atmosphere 125
Pérez-López, J. A., see Hernández, L. 239

Pérez-Ruiz, T.
—, Martinez Lozano, C. and Tomás, V.
Microdetermination of riboflavin and riboflavin 5'-phosphate by a catalytic photokinetic method 63
Piwonka, J. M., see Bruhn, C. G. 113
Porta, V., see Sarzanini, C. 191

Rabadan, J. M., see Aznarez, J. 281
Reay, P. F.
— and Bennett, W. D.
Determination of amorphous silica and total silica in plant materials 145
Reis, B. F., see Zagatto, E. A. G. 153

Sarzanini, C.
—, Gennaro, M. C., Porta, V. and Mentasti, E.
Comparison of ligands for the recovery of trace aluminium(III) by anion-exchange 191
Sasaki, Y., see Hayashi, K. 271
Schaffar, B. P. H., see Wolfbeis, O. S. 1
Schulmeister, T.
Mathematical treatment of concentration profiles and anodic current of amperometric multilayer enzyme electrodes 223

Tagashira, S., see Hayashi, K. 271
Takada, T.
— and Koide, T.
Atomic absorption spectrometric determination of trace copper in water by sorption on an ion-exchange resin and direct atomization of the resin 303
Thompson, R. Q.,
—, Kim, H. and Miller, C. E.
Comparison of immobilized enzyme reactors for flow-injection systems 165
Tien, H. T., see Bender, C. J. 259
Tomás, V., see Pérez-Ruiz, T. 63
Townshend, A., see Alumaibed, A. M. 37
Townshend, A., see Al-Wehaid, A. 45

Van der Linden, W. E., see Zollinger, D. Ph. 207
Van Espen, P., see Liu, X. D. 71

Wang, C.-Y., see Wen, M.-L. 325
Weaver, M. J., see Milner, D. F. 245
Wen, M.-L.
— and Wang, C.-Y.
Potentiometric titration of milligram amounts of organic acids with an interfacial voltaic cell for end-point detection 325
Wibetoe, G.
— and Langmyhr, F. J.
Interferences in inverse Zeeman-corrected atomic absorption spectrometry caused by Zeeman splitting of molecules 81
Wolfbeis, O. S., see Leiner, M. J. P. 13
Wolfbeis, O. S.
— and Schaffar, B. P. H.
Optical sensors: an ion-selective optrode for potassium 1
Wu, B., see Yang, J.-H. 287

Yang, J.-H.,
—, Zhu, G.-Y. and Wu, B.
Enhanced luminescence of the europium/terbium/thenoyltrifluoroacetone/1,10-phenanthroline/surfactant system, and its analytical application 287

Zagatto, E. A. G.
—, Reis, B. F., Martinelli, M., Krug, F. J., Bergamin F°, H. and Gine, M. F.
Confluent streams in flow injection analysis 153
Zapardiel, A., see Hernández, L. 239
Zhu, G.-Y., see Yang, J.-H. 287
Zhu, Z.
— and Fang, Z.
Spectrophotometric determination of total cyanide in waste waters in a flow-injection system with gas-diffusion separation and preconcentration 25
Zollinger, D. Ph.,
—, Bulten, E., Christenhusz, A., Bos, M. and van der Linden, W. E.
Computerized conductometric determination of stability constants of complexes of crown ethers with alkali metal salts and with neutral molecules in polar solvents 207